

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	("20040189175" "4411734" "4624737" "4642620" "5186670" "5210472" "5319279" "5371431" "5656330" "5747384" "5808400" "5825126" "5840118" "5853492" "5869169" "5888906" "5902650" "5917213" "5989999" "6086442" "6323587").PN.	US-PGPUB; USPAT	ADJ	ON	2006/12/06 16:07
S1	12	(field or electron) (emis\$7 or emit\$7) and (native oxide) and (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) same hydrogen\$8	US-PGPUB; USPAT	ADJ	ON	2006/12/05 12:22
S2	21	("20040189175" "4411734" "4624737" "4642620" "5186670" "5210472" "5319279" "5371431" "5656330" "5747384" "5808400" "5825126" "5840118" "5853492" "5869169" "5888906" "5902650" "5917213" "5989999" "6086442" "6323587").PN.	US-PGPUB; USPAT	ADJ	ON	2006/12/05 09:53
S5	6	S2 and native oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/05 09:59
S6	20	("3592773" "5646095").PN. OR ("5853492").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/05 11:53
S7	3	S6 and native oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/05 11:52
S8	1	("20040266308").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/05 12:20
S9	32	(field or electron) (emis\$7 or emit\$7) and (native oxide) and (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) and (silane or "SiH.sub.4" or "H.sub.4Si")	US-PGPUB; USPAT	ADJ	ON	2006/12/05 12:47
S10	23	(native oxide) same (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) same (silane or "SiH.sub.4" or "H.sub.4Si")	US-PGPUB; USPAT	ADJ	ON	2006/12/05 12:47

EAST Search History

S11	117	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display) and (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) same (silane or "SiH.sub.4" or "H.sub.4Si")	US-PGPUB; USPAT	ADJ	ON	2006/12/05 13:07
S12	145	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) same (silane or "SiH.sub.4" or "H.sub.4Si")	US-PGPUB; USPAT	ADJ	ON	2006/12/05 14:41
S13	76	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) same (silane or "SiH.sub.4" or "H.sub.4Si") not (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) same (silane or "SiH.sub.4" or "H.sub.4Si") same (silicon oxide or silicon nitride)	US-PGPUB; USPAT	ADJ	ON	2006/12/05 14:26
S14	21	Raina.in. near Kanwal and (field or electron) (emis\$7 or emit\$7) and (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) and (silane or "SiH.sub.4" or "H.sub.4Si")	US-PGPUB; USPAT	ADJ	ON	2006/12/06 10:20
S15	127	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and hydrogenation	US-PGPUB; USPAT	ADJ	ON	2006/12/05 14:26
S16	17	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and hydrogenation same (emitter or current or tip)	US-PGPUB; USPAT	ADJ	ON	2006/12/05 15:15
S17	49	hydrogenation same (P\$1CVD or plasma CVD or plasma enhanced CVD or plasma enhanced chemical vapor deposit\$6) same (silane or "SiH.sub.4" or "H.sub.4Si")	US-PGPUB; USPAT	ADJ	ON	2006/12/05 14:41

EAST Search History

S18	463	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and plasma same (ammonia or "NH.sub.3" or nitrogen or nitridize)	US-PGPUB; USPAT	ADJ	ON	2006/12/05 15:17
S19	25	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and plasma same (ammonia or "NH.sub.3" or nitrogen or nitridize) same (tip or microtip)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 08:25
S20	0	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and plasma same nitridize	US-PGPUB; USPAT	ADJ	ON	2006/12/05 15:43
S21	1	(field or electron) (emis\$7 or emit\$7) and plasma same nitridize	US-PGPUB; USPAT	ADJ	ON	2006/12/05 15:43
S22	6	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and plasma same (ammonia or "NH.sub.3" or nitrogen or nitridize) same cold cathode	US-PGPUB; USPAT	ADJ	ON	2006/12/05 15:48
S23	0	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and (P\$1CVD or plasma CVD) same (ammonia or "NH.sub.3" or nitrogen or nitridize) same cold cathode	US-PGPUB; USPAT	ADJ	ON	2006/12/05 15:48
S24	7	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and (P\$1CVD or plasma CVD) same (ammonia or "NH.sub.3" or nitrogen or nitridize) same (tip or microtip)	US-PGPUB; USPAT	ADJ	ON	2006/12/05 15:49
S25	18	("5186670" "5378182" "5401676" "5789272" "5817201").PN. OR ("6086442").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/05 16:06
S26	8	S25 and (nitrogen or nitridiz\$6 or ammonia) and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/05 16:07

EAST Search History

S27	25	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and plasma same (ammonia or "NH.sub.3" or nitrogen or nitridize) same (tip or microtip)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 08:25
S28	191	(field or electron) (emis\$7 or emit\$7) and (cathode ray or CRT or flat panel display or plasma display panel or PDP) and plasma same (ammonia or "NH.sub.3" or nitrogen or nitridize) and (tip or microtip) not S27	US-PGPUB; USPAT	ADJ	ON	2006/12/06 08:26
S29	0	(2004/0189175).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/06 10:21
S30	1	("20040189175").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/06 10:22
S31	1	("6710538").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/06 10:22
S32	42	("3665241" "3755704" "3812559" "3954523" "4016017" "4266233" "4652467" "4857161" "4987101" "5103288" "5142184" "5186670" "5194780" "5229331" "5259799" "5358908" "5430300" "5458518" "5470801" "5473222" "5483067" "5529524" "5569058" "5578896" "5585301" "5597444" "5653619" "5663608" "5684356" "5712534" "5793154" "5804910" "5869169" "5898258" "6028322" "6232705" "6251470" "6255156" "6277765" "6333215").PN. OR ("6710538").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 10:27
S33	20	S32 and (nitrogen or ammonia)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 10:46
S34	985	(rapid thermal process\$3 or RTP) same plasma	US-PGPUB; USPAT	ADJ	ON	2006/12/06 10:47
S35	630	(rapid thermal process\$3 or RTP) same plasma and (nitrogen or ammonia)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 10:49
S36	98	(rapid thermal process\$3 or RTP) same plasma and (nitrogen or ammonia) and (tip or emitter or cold cathode or (field or electron) (emis\$7 or emit\$7))	US-PGPUB; USPAT	ADJ	ON	2006/12/06 10:54
S37	1211	ion implant\$8 and ammonia and nitrogen and RF	US-PGPUB; USPAT	ADJ	ON	2006/12/06 10:55

EAST Search History

S38	114	ion implant\$8 and ammonia and nitrogen and RF same sccm same mtorr	US-PGPUB; USPAT	ADJ	ON	2006/12/06 11:06
S39	674	ion implant\$8 same rf	US-PGPUB; USPAT	ADJ	ON	2006/12/06 11:06
S40	99	ion implant\$8 same rf and nitrogen and ammonia	US-PGPUB; USPAT	ADJ	ON	2006/12/06 11:21
S42	52	("4228235" "4906559" "5084375" "5176987" "5178991").PN. OR ("5459014").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 11:18
S43	0	S42 and ion implant\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 11:18
S44	56	ion implant\$8 same rf same (nitrogen or ammonia)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 13:02
S45	1	("5469014").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/06 11:24
S49	2	(field or electron) (emis\$7 or emit\$7) and ion implant\$8 same (nitrogen or ammonia) and rf same (sccm or flow rate) same (pressure or mtorr or torr)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 11:47
S50	14	("3998678" "4410832" "4663559" "4835438" "4990766" "5012153" "5136205" "5189341" "5256936").PN. OR ("5793154").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 11:48
S51	4	S50 and ion implant\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 11:48
S52	0	(field or electron) (emis\$7 or emit\$7) and ion implant\$8 same ammonia same (flow rate or sccm)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:39
S53	12	ion implant\$8 same ammonia same (flow rate or sccm)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 11:57
S54	12	ion implant\$8 same ammonia and rf same sccm	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:12
S55	22	("3908183" "4096315" "4119688" "4239787" "4680474" "4764394" "4851691" "5003178" "5354381" "5607509" "5654043" "5711812" "5858623" "5965034" "5969398" "5988103" "6143631" "6200873").PN. OR ("6458430").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 12:36

EAST Search History

S56	16	S55 and ion implant\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 12:36
S57	2	S55 and ion implant\$6 and rf and (sccm or flow rate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/12/06 12:36
S58	23	(field or electron) (emis\$7 or emit\$7) and ion implant\$8 and ammonia and (TiN or titanium nitrid\$8) and (flow rate or sccm) same rf	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:42
S59	5	(field or electron) (emis\$7 or emit\$7) and ion implant\$8 and ammonia and (TiN or titanium nitrid\$8) and (flow rate or sccm) same rf not tin oxide	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:42
S60	1	bernstein.in. near2 james and ion implant\$8 and rf and sccm and ammonia	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:47
S61	21	("20040189175" "4411734" "4624737" "4642620" "5186670" "5210472" "5319279" "5371431" "5656330" "5747384" "5808400" "5825126" "5840118" "5853492" "5869169" "5888906" "5902650" "5917213" "5989999" "6086442" "6323587").PN.	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:49
S62	3	S61 and ion implant\$8	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:49
S63	4	ion implant\$8 same rf same ammonia	US-PGPUB; USPAT	ADJ	ON	2006/12/06 12:57
S64	194	ion implant\$8 same nitrogen same ammonia	US-PGPUB; USPAT	ADJ	ON	2006/12/06 13:24
S65	0	ion implant\$8 same nitridation same ammonia same (plasma or rf) same (flow rate or sccm)	US-PGPUB; USPAT	ADJ	ON	2006/12/06 13:26